

STATEMENT OF WORK FOR THE
REBUILD OF
SIXCON WATER TANK MODULE
5430-01-203-9971

1.0 SCOPE: This Statement of Work (SOW), along with TM 09444A/08990A-15&P/1 and Marine Corps (MC) drawings 845008A0000 (01365) establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor. For purposes of this SOW, contractor is defined as the commercial or government entity performing the rebuild effort of the SIXCON Water Tank Module. These documents contain requirements to restore the Water Tank Module to Condition Code "A." Condition Code A is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more than 6 months shelf-life remaining."

1.1 Background: Rebuild is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items."

2.0 APPLICABLE DOCUMENTS: The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-130	Identification Marking of U.S. Military Property
MIL-STD-2073-1C	DoD Standard Practice for Military Packaging

Military Standards

MIL-STD-973	Configuration Management (Guidance Only)
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2.2 Other Government Documents and Publications: The issues of those documents cited below shall be used.

TM 09444A/08990A-15&P/1	Operation and Maintenance Instructions With Repair Parts List and Components List for SIXCON Water Pump Module and SIXCON Water Tank Module
DRAWINGS (MC)	845008A0000 (01365), SIXCON Water Tank Module – MC Engineering Drawing
TM-4750-15/2	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment

2.3 Industry Standards:

ANSI/ISO/ASQC Q9001-1994	Quality Systems
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(Copies of military specifications and standards are available from the Naval Publications and Forms Center, (Attn: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099. Copies of other government documents shall be obtained through the Publications Branch, Code 876. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd. Suite 20320, Albany, GA 31704-0320, commercial telephone number 912/439-6410 or DSN 567-6410.)

3.0 REQUIREMENTS

3.1 General Tasks: In fulfilling the specified requirements, the contractor shall provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, and test and calibrate the Water Tank Module. Upon completion of rebuild, the subject item shall be Condition Code "A".

3.2 Detail Tasks: The following tasks describe the different phases for rebuild of the Water Tank Module.

a. Data plate: Each repaired Water Tank Module shall have a rebuild data plate affixed to the upper front frame cross member, located by manufacturer's data plate. The data plate shall meet the requirements of MIL-STD-130 and TM 4750-15/2.

b. Hardware:

(1) Replace broken, unserviceable and/or missing hardware to include mechanical assemblies, nuts, bolts, screws, washers, turn lock fasteners, mandatory replacement items, safety, and one-time use items, in accordance with the TM 09444A/08990A-15&P/1 and Drawings 845008A0000 (01365). Unserviceable is defined as any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

3.2.3 Inspection, Testing and Acceptance:

a. Inspection, Testing and Acceptance of the Water Tank Module shall be conducted in accordance with TM 09444A/08990A-15&P/1 and Drawings 845008A0000 (01365).

b. The contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are notified prior to completion of final acceptance. Acceptance tests shall be held at the contractor's facility.

c. The contractor shall be responsible for correcting any deficiencies identified during inspection/testing.

d. Acceptance testing on all Water Tank Modules repaired under the provisions of this SOW shall be accomplished in accordance with TM 09444A/08990A-15&P/1, and Drawings 845008A0000 (01365).

3.2.4 Packaging, Handling, Storage and Transportation (PHS&T):

a. The contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items scheduled for long term storage or shipment to overseas destinations shall be level "A" in accordance with MIL-STD-2073-1C, Method "10". Items being prepared for domestic shipment or immediate use shall be to level "B" requirements.

b. Marking shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated stite(s). The Marine Corps will be responsible for transportation costs associated with shipping the equipment to and from the contractor.

3.3 Configuration Management: The contractor shall apply configuration control to establish configuration items. The contractor shall not implement configuration changes to any item without receiving prior written authorization from MCLBA (Code 837). If there is a need to temporarily depart from a configuration item's characteristics, the contractor shall prepare and submit a Request for Deviation/Request for Waiver using MIL-STD-973, paragraph 5.4.3 or 5.4.4, subparagraphs and Appendix E, as guidance.

3.4 Quality Assurance Provisions: The contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-1994, Quality System Model for Quality Assurance in Design, Development, Production, Installation, and Servicing, for supplies and services. The program shall ensure quality throughout all areas to include design, fabrication, processing, assembly, inspection, test, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the contractor shall be responsible for performance of all inspection requirements. The government reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

3.5 Acceptance: The performance of the contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and Marine Corps representatives shall be permitted to observe the work or to conduct an inspection. Final inspection and acceptance testing shall be conducted at the contractor's facility. Final acceptance shall be conducted on one hundred percent of the end items to verify that the units meet all requirements.

3.6 Rejection: Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB (Code 837-2) Albany, representative. The contractor shall, at no additional cost to MCLB, Albany, Georgia, correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.